Contents

Aragone, C.: Gauge Independent Gravitationally-Coupled Electromagnetic Field 205

Bonanos, S.: Stability of Homogeneous Universes 259

Bortz, A. B., Griffiths, R. B.: Phase Transitions in Anisotropic Classical Heisenberg Ferromagnets 102

Breitenecker, M., Grümm, H.-R.: Note on Trace Inequalities 276

Ciulli, S., Nenciu, G.: "Weighted Dispersion Relations" and Cut to Cut Extrapolations 237

Domokos, G.: Wave Packet Realization of Lightlike States 15

Fisher, M. E.: On Discontinuity of the Pressure 6

Frehland, E.: Exact Gravitational Field of the Infinitely Long Rotating Hollow Cylinder 307

Garrison, J. C., Wong, J.: Bogoliubov Inequalities for Infinite Systems 1

Geroch, R.: Einstein Algebras 271

Griffiths, R. B., s. Bortz, A. B. 102

Grümm, H.-R., s. Breitenecker, M. 276

Hartle, J. B., Hawking, S. W.: Solutions of the Einstein-Maxwell Equations with Many Black Holes 87

Hawking, S. W., s. Hartle, J. B. 87

Ludwig, G.: An Improved Formulation of Some Theorems and Axioms in the Axiomatic Foundation of the Hilbert Space Structure of Quantum Mechanics 78

Mansouri, R., Urbantke, H.-K.: On Exact Kerr-Schild Type Vacuum Solutions to Salam's Two-Tensor Theory of Gravity 301

Nagel, B.: Some Results in Non-Commutative Ergodic Theory 247

Nenciu, G., s. Ciulli, S. 237

Newman, Ch. M.: Ultralocal Quantum Field Theory in Terms of Currents. I. The Free Theory 169

Nowotny, E.: Hydrogen Atom in the Friedman Universe 321

Penrose, O., Smith, E. R.: Thermodynamic Limit for Classical Systems with Coulomb Interactions in a Constant External Field 53

Perelomov, A. M.: Coherent States for Arbitrary Lie Group. 222

Pohlmeyer, K.: Higher Order Perturbation Theory for Exponential Lagrangians: Third Order 130

Raszillier, I.: The Information on the Pion Electromagnetic Form Factor Inside Its Analyticity Region Provided by Bounds on Its Modules on the Cut ($t \geqq 4\,m^2$) 121

Roos, H.: On Quantum Systems in Thermal Contact 149

Ruskai, M. B.: Inequalities for Traces on von Neumann Algebras 280

Shikin, I. S.: Gravitational Fields with Groups of Motions on Two-dimensional Transitivity Hypersurfaces in a Model with Matter and a Magnetic Field 24

Smith, E. R., s. Penrose, O. 53

Streater, R. F.: Connection between the Spectrum Condition and the Lorentz Invariance of $P(\phi)_2$ 109

Urbantke, H.-K., s. Mansouri, R. 301

Viano, G. A.: On the Geometrical Interpretation of the Harmonic Analysis of the Scattering Amplitude 290

Wong, J., s. Garrison, J. C. 1

Yodzis, P.: Lorentz Cobordism 39

Indexed in Current Contents